

Curriculum Mapping for South Dakota Essential Core Standards

Grade 11 Math-Measurement

Includes core standards from grades 9-10

X = Not taught
I = Introduced
R = Reinforced
P = Proficient/practiced

Indicator 1: Use various units of measure within a system of measurement.			
Standard	Curriculum Map (X, I, R, P)	Resources	Actions Needed
1. (9) develop units or combinations of units for a given situation or application			
2. (10) derive and use formulas for solving problems involving measurements.			
3 (10) use quotient measures and relate them to slope, e.g. speed, density			
Indicator 2: Apply measurement concepts in practical applications.			
Standard	Curriculum Map (X, I, R, P)	Resources	Actions Needed
1. (9) solve measurement problems involving perimeter, area, volume and mass of irregularly-shaped objects.			
2. (10) identify the structural parts and characteristics of objects to answer questions about them, e.g., a penny can be seen as a cylinder with a small height so it volume is $V=\pi r^2 h$.			